

					16-Lead SOIC	16-Lead DIP	14-lead DIP w/o 4	14-Lead DIP
Part Number	V_{Offset} (V)	$I_{O+/-}$ (mA)	V_{OUT} (V)	$t_{on / off}$ (ns)		Design Features		Fax-on-Demand
High and Low Side Driver								
IR2110	500	2 / 2	10 / 2	120 / 94	Delay Matching (ns) 10	*Cycle-by-cycle edge-triggered shutdown logic* *Separate logic & power returns*		60011
IR2112	600	200 / 42	10 / 2	125 / 10	Delay Matching (ns) 30	*Separate logic and low side supplies* *Cycle-by-cycle edge-triggered shutdown*		60026
IR2113	600	2 / 2	10 / 2	120 / 94	Delay Matching (ns) 10	*Separate logic and low side supplies* *Cycle-by-cycle edge-triggered shutdown*		60030



44-Lead PLCC | 28-Lead SOIC | 28-Lead DIP

Part Number	V_{Offset} (V)	$I_{O+/-}$ (mA)	V_{OUT} (V)	$t_{on / off}$ (ns)		Design Features	Fax-on-Demand
3 High Side & 3 Low Side Driver							
IR2131	600	200 / 42	10 / 2	1.3 / .6	Deadtime (ns) 700	*Independent 3 high-side and 3 low-side drivers* *Over-current shutdown turns off all 6 dri*	60032
3-Phase Bridge Driver							
IR2130	600	200 / 42	10 / 2	675 / 42	Deadtime (ns) 2.5	*Independent half-bridge drivers* *Over-current shutdown turns off all 6 dri*	60019
IR2132	600	200 / 42	10 / 2	675 / 42	Deadtime (ns) .8	*Independent half-bridge drivers* *Over-current shutdown turns off all 6 dri*	60033



8-Lead DIP

Part Number	V_{Offset} (V)	$I_{O+/-}$ (mA)	V_{OUT} (V)	$t_{on / off}$ (ns)		Design Features	Fax-on-Demand
Current Limiting Low Side Driver							
IR2121	5	1 / 2	12 / 1	150 / 15	VCSth (mV) 230	*Undervoltage lockout* *Current detection & limiting loop*	60018
Current Limiting Single Channel Driver							
IR2125	500	1 / 2	12 / 1	150 / 15	VCSth (mV) 230	*Undervoltage lockout* *Current detection & limiting loop*	60017
Current Sensing Single Channel Driver							
IR2127	600	200 / 42	10 / 2	150 / 10	VCSth (mV) 250	*Undervoltage lockout* *Overcurrent shutdown*	60036
IR2128	600	200 / 42	10 / 2	150 / 10	VCSth (mV) 250	*Undervoltage lockout* *Overcurrent shutdown*	60042
Half-Bridge Driver							
IR2111	600	200 / 42	10 / 2	850 / 15	Deadtime (ns) 700	*Floating VBS drive channel* *Internal deadtime control*	60028



8-Lead SOIC   8-Lead DIP

Part Number	V_{Offset} (V)	$I_{O+/-}$ (mA)	V_{OUT} (V)	$t_{on / off}$ (ns)		Design Features	Fax-on-Demand
High and Low Side Driver							
IR2101	600	100 / 21	10 / 2	130 / 90	Delay Matching (ns) 30	*Floating VBS Drive Channel* *Undervoltage lockout*	60044
IR2102	600	100 / 21	10 / 2	130 / 90	Delay Matching (ns) 30	*Floating VBS Drive Channel* *Undervoltage lockout*	60043
IR2103	600	100 / 21	10 / 2	600 / 90	Deadtime (ns) 500	*Floating VBS Drive Channel* *Cross-conduction prevention*	60045
IR2104	600	100 210	10 / 2	600 / 90	Deadtime (ns) 500	*Cross-conduction prevention* *Internal deadtime control*	60046
Self-Oscillating Half-Bridge Driver							
IR2151	600	100 / 21	10 / 2		Deadtime (ns) 1.2	*Programmable oscillator frequency* *50% duty cycle*	60034
IR2152	600	100 / 21	10 / 2		Deadtime (ns) 1.2	*Programmable oscillator frequency* *50% duty cycle*	60035
IR2153	600	200 / 40			Deadtime (µs) 1.2	*Vclamp = 15.6V* *50% duty cycle*	60062
IR2155	600	210 / 42	10 / 2		Deadtime (ns) 1.2	*Programmable oscillator frequency* *Micropower supply startup current of 125*	60029



8-Lead SOIC　　8-Lead DIP

Part Number	V_{Offset} (V)	$I_{O+/-}$ (mA)	V_{OUT} (V)	$t_{on / off}$ (ns)	Design Features	Fax-on-Demand
Single Channel Driver						
IR2117	600	200 / 42	10 / 2	125 / 10	*Floating VBS drive channel* *Undervoltage lockout*	60031
IR2118	600	200 / 42	10 / 2	125 / 10	*Floating VBS drive channel* *Undervoltage lockout*	60041